

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/646,682 Confirmation No. : 1019  
Applicant(s) : Dennis S. Fernandez  
Filed : August 22,2003  
Art Unit : 1631  
Examiner : Eric S. Dejong  
Docket No. : FERN-P013  
CUSTOMER NO. : 021971  
Title : Integrated Biosensor and Simulation Systems for Diagnosis  
and Therapy

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT/ RESPONSE TO FINAL ACTION**

Sir:

This paper is in response to Final Action dated May 14, 2008

The **Listing of Claims** begins on page **2** of this paper.

**Remarks/Arguments** begin on page **5** of this paper.